

CLAIMS

What is claimed is:

- 1 1. An integrated point-of-care system comprising:
 - 2 a medical monitoring device configured to monitor patient information for a
 - 3 patient;
 - 4 a medical care device configured to provide medical care to the patient;
 - 5 a computing system configured to receive patient information from the medical
 - 6 monitoring device, transmit control instructions to the medical care device to control the
 - 7 medical care to the patient, and exchange data with a central data repository through a
 - 8 communication network; and
 - 9 a structure configured to support the patient, the medical monitoring device, the
 - 10 medical care device, and the computing system and transport the patient, the medical
 - 11 monitoring device, the medical care device, and the computing system together.
- 1 2. The integrated point-of-care system of claim 1 wherein the patient information
- 2 comprises vital signs of the patient.
- 1 3. The integrated point-of-care system of claim 1 wherein the structure comprises a
- 2 mattress configured to support the patient.
- 1 4. The integrated point-of-care system of claim 1 wherein the medical care device is
- 2 configured to administer a medication to the patient.

1 5. The integrated point-of-care system of claim 1 further comprising a power supply
2 configured to supply power to the medical care device and the medical monitoring
3 device.

1 6. The integrated point-of-care system of claim 5 wherein the power supply
2 comprises a battery.

1 7. The integrated point-of-care system of claim 1 wherein the computing system
2 further comprises a display device configured to display the control instructions or patient
3 information.

1 8. The integrated point-of-care system of claim 7, wherein the display device
2 comprises a flat-screen touch panel configured to allow user input for controlling the
3 operation of the medical care devices or the medical monitoring devices.

1 9. The integrated point-of-care system of claim 1 wherein the computing system
2 further comprises a keyboard.

1 10. The integrated point-of-care system of claim 1 wherein the communication
2 network is wireless.

1 11. The integrated point-of-care system of claim 1 wherein the computing system
2 further comprises a memory storage system configured to store the patient information or
3 control instructions.

1 12. The integrated point-of-care system of claim 1 wherein the computing system
2 further comprises an identification device configured to identify a person.

1 13. The integrated point-of-care system of claim 12, wherein the identification device
2 comprises a fingerprint recognition device.

1 14. The integrated point-of-care system of claim 12, wherein the identification device
2 comprises a voice recognition device.

1 15. The integrated point-of-care system of claim 12, wherein the identification device
2 comprises a visual recognition device.

1 16. The integrated point-of-care system of claim 1 further comprising a camera
2 configured to generate a visual image.

1 17. The integrated point-of-care system of claim 1 wherein the computing system
2 further comprises a barcode reader.

1 18. The integrated point-of-care system of claim 1 wherein the computing system
2 further comprises a communication interface configured to communicate with the
3 Internet.

1 19. The integrated point-of-care system of claim 1 wherein the computing system
2 further comprises a communication interface configured to communicate with a
3 television service provider.

1 20. The integrated point-of-care system of claim 1 further comprising a plurality of
2 wheels mounted on the bottom of the structure to facilitate transport of the patient and the
3 medical devices.

1 21. The integrated point-of-care system of claim 1 further comprising a radiant
2 warming device mounted on the structure to warm the patient.

1 22. A method of operating an integrated point-of-care system comprising the steps of:
2 supporting a patient, a computing system, a medical care device, and a medical
3 monitoring device by using a structure;
4 providing control instructions to the medical care device through the computing
5 system to provide medical care to the patient;
6 receiving patient information from the medical monitoring device into the
7 computing system;
8 exchanging data between the computing system and a central data repository
9 through a communication network; and
10 transporting the patient, the medical monitoring device, the medical care device,
11 and the computing system together by using the structure.

12

1 23. The method of claim 22 further comprising the step of displaying the patient
2 information.

1 24. The method of claim 22, further comprising the step of identifying a person
2 authorized to operate the computing system by using an identification device.

1 25. The method of claim 22, further comprising the step of identifying the patient by
2 using an identification device.

1 26. The method of claim 22, further comprising the step of identifying a medication
2 to be administered to the patient by using an identification device.